



chain nodes :

35 36 37 38 39 40 41 42 43 44 45 47 48 50

ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26  
27 28 29 30 31 32 33 34

chain bonds :

2-48 4-47 5-35 9-36 12-37 14-38 17-39 20-41 21-40 22-42 27-43 31-44 34-50 35-36  
37-38 39-40 43-44 44-45

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 7-8 7-12 8-9 9-10 10-11 11-12 13-14 13-18 14-15 15-16  
16-17 17-18 19-20 19-24 20-21 21-22 22-23 23-24 23-25 24-28 25-26 26-27 27-28  
29-30 29-34 30-31 31-32 32-33 33-34

exact/norm bonds :

2-48 4-47 5-35 9-36 12-37 14-38 17-39 21-40 22-42 27-43 34-50 35-36 37-38 39-40  
43-44 44-45

exact bonds :

20-41 31-44

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6 7-8 7-12 8-9 9-10 10-11 11-12 13-14 13-18 14-15 15-16  
16-17 17-18 19-20 19-24 20-21 21-22 22-23 23-24 23-25 24-28 25-26 26-27 27-28  
29-30 29-34 30-31 31-32 32-33 33-34

G1:C,O,S

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom 11:Atom  
12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom 20:Atom 21:Atom  
22:Atom 23:Atom 24:Atom 25:Atom 26:Atom 27:Atom 28:Atom 29:Atom 30:Atom 31:Atom  
32:Atom 33:Atom 34:Atom 35:CLASS 36:CLASS 37:CLASS 38:CLASS 39:CLASS 40:CLASS 41:CLASS  
42:CLASS 43:CLASS 44:CLASS 45:CLASS 47:CLASS 48:CLASS 50:CLASS